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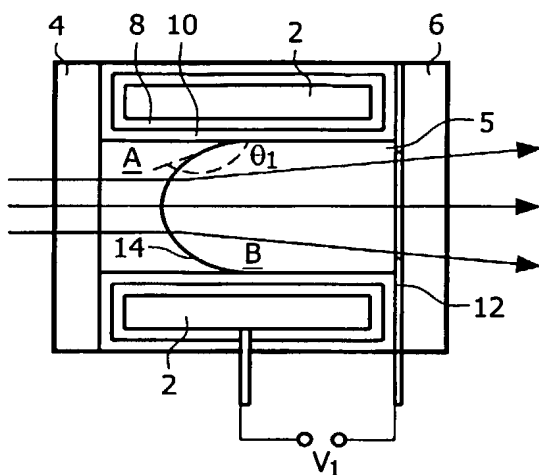
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(54) Title: COLOUR CORRECTION IN A VARIABLE FOCUS LENS



(57) Abstract: A variable focus lens of the type including a first fluid (A) and a second fluid (B), the fluids being immiscible and having different indices of refraction wherein the lens function of the variable focus lens can be selectively controlled. The refractive indices of the two respective fluids (A) and (B) are different, and it is highly advantageous if the difference between these refractive indices is relatively high, in order to obtain a good zoom factor. Many oils with a high refractive index (approximately above 1.7) are not colourless, but instead tend to be yellow. However, this causes colour changes in the image of an object compared with the object itself. This problem is solved by correcting or compensating for the resultant change of colour of an image of an object, compared with the object itself, caused by the use of a non-colourless fluid as the first and/or second fluid in a variable focus lens of the above-mentioned type.

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